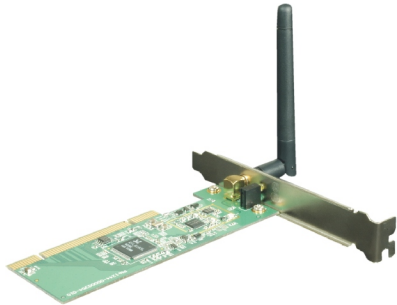


## 54Mbps Wireless PCI Adapter

GigaFast's WF730-CPI is an IEEE802.11b/g compliant 54Mbps Wireless PCI Adapter. Fully Plug and Play, this 2.4GHz Wireless PCI Adapter plugs into a Desktop PC offering additional mobility in home or office. It connects with any wireless access point or router that runs on the IEEE802.11g wireless standard and has an operating distance of up to 300 meters outdoors and 100 meters indoors. With 128-bit WEP encryption for security, the WF730-CPI ensures secure data transmission without sacrificing performance.



### Features:

- Comply with IEEE802.11g, IEEE802.11b
- Transmit Speed Auto-Negotiation, up to 54M
- 32-bit PCI connector
- Provide 64/128-bit WEP Encryption
- Support WPA, IEEE802.1X, TKIP, AES
- Provide simple configuration and supervisor program
- Support Ad-Hoc/Infrastructure modes
- Support Wireless Roaming, can move among different AP and no break
- Fixed or detachable antenna

### Specifications:

#### Standards

- IEEE802.11g/b

#### Interface

- 32-bit PCI 2.2

#### Frequency

- 2.4 ~ 2.4835GHz

#### Radio Data Rate

- 54/48/36/24/18/12/9/6/11/5.5/3/2/1/0.5/0.25 Mbps (Auto Rate Sensing)

#### Channel

- 13

#### Spread Spectrum

- DSSS

#### Modulation

- 1M DBPSK; 2M DQPSK; 5.5M, 11M CCK; 6M, 9M, 12M, 18M, 24M, 36M, 48M, 54M OFDM

#### Sensitivity@PER

- 54M: -68dBm/8%PER (TYPICAL)
- 11M: -84dBm/8%PER

#### Transmission Distance

- Indoor up to 100m, Outdoor up to 300m (Standard transmission distance, it is limited in an environment).
- Indoor up to 200m, Outdoor up to 830m (Adopt 2x to 3x extended Range™ WLAN transmission technology, it is limited in an environment)

#### Transmission Distance

- 20dBm (MAX)

#### Data Security

- WPA; 64/128/152 BIT WEP; TKIP/AES

#### LED Indicator

- Status

#### Power Consumption

- Typical 685mA in full Transmit (TX), 515mA in full Receive (RX)

#### Dimensions

- 5.2 x 4.8 x 0.9 inches

#### Environment

- 0°C ~ 40°C

#### Humidity

- 10% ~ 90% (non-condensing)

#### Warranty

- 3-year Limited & Free Technical Support (US Only)

### Functions:



### Usage Diagram:

